



2122  
219.40391X00

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: **Praveen K. PARVATHALA et al.**

Application No.: **09/922,639**

Filing Date: **August 7, 2001**

Title: **TOOL FOR GENERATING A RE-GENERATIVE  
FUNCTIONAL TEST**

Art Unit: **2122**

Examiner: **Not yet assigned**

RECEIVED

OCT 04 2001

Group 2100

RECEIVED

OCT 01 2001

Technology Center 2100

**PRELIMINARY AMENDMENT**

Assistant Commissioner of Patents  
Washington, D.C. 20231

September 27, 2001

Sir:

Prior to examination, please enter thereto the following Preliminary Amendment.

**IN THE CLAIMS:**

Please **amend** claims 2-3, 5, 7-13, 18-19, 21-24, 28-29, and 31-33, as follows:

1           2. (Amended) The system as claimed in claim 1, wherein said SBE generation tool  
2 comprises:  
3           a random instruction test generator (RIT-G) composer to receive the user directives  
4 and the instruction information and generate a compact RIT-G code;  
5           a test execution directive composer to receive the user directives and the device  
6 constraints and create a run time environment to enable the re-generative functional test to  
7 repeatedly generate functional tests and execute generated tests on-board the complex device